College of Engineering, Cornell University
Course Evaluation Response Summary
Semester: Spring 2018   Course Owner: ORIE
Course: ORIE 3310 Lec 1   CID: 10532
Instructor: Schalekamp
77 Responses, 102 Enrolled, 75.49% Response

Question	Mean	Count	1	2	3	4	5
1. How valuable were the assigned readings? 1=taught me little; 5=extremely educational	4.13	48	1	2	7	18	20
2. How valuable were the homework and/or computer assignments? 1=taught me little; 5=extremely educational	4.31	71	0	2	12	19	38
3. How valuable were the laboratories? 1=taught me little; 5=extremely educational	3.85	72	3	5	13	30	21
4. Rate the examinations in this course as a test of your knowledge. 1=too easy, not adequate; 3=adequate; 5=too difficult, not a fair test	3.85	71	1	1	23	29	17
5. Did the lecturer stimulate your interest in the subject? 1=not at all; 5=stimulated great interest, inspired independent effort	3.67	72	6	4	15	30	17
6. Was the lecture presentation organized and clear? 1=disorganized and unclear; 5=very organized and lucid	4.04	72	2	4	13	23	30
7. Was the lecturer willing and able to help you overcome difficulties? 1=was of no help; 5=was very helpful	4.15	66	0	7	10	15	34
8. Rate the overall teaching effectiveness of your lecturer compared to others at Cornell. 1=worse than average; 5=much better than average	3.81	72	2	5	20	23	22
9. Was the recitation organized and clear? 1=not at all; 5=very organized, lucid	3.96	72	3	4	13	25	27
10. Was the recitation instructor willing and available to help you overcome difficulties? 1=was of no help; 5=was very helpful	4.19	70	3	4	7	19	37
11. How would you rate the recitation instructor's command of the course material? 1=poor command of material; 5=excellent command of material	4.24	71	3	1	7	25	35
12. What was the overall quality of the recitations and your recitation instructor? 1=worse than average; 5=much better than average	3.93	70	2	2	19	23	24
13. Overall, how does course compare with other technical courses you've taken at Cornell? 1=poorly, not educational; 5=excellently, extremely educational	3.89	70	0	5	20	23	22
14. How many hours each week did you spend on this course outside of class/lab/recitation? 1=less than 2; 2=(2-4); 3=(5-8); 4=(9-15); 5=16 or more	3.11	72	1	15	36	15	5
15. How prepared were you for this course? 1=overprepared, it repeated material; 5=underprepared, course assumed unfamiliar knowledge	3.17	71	1	7	47	11	5
16. Was the code of academic integrity maintained in this course? 1=no, often violated; 5=yes, well maintained	4.63	71	0	3	2	13	53
17. Most important reason for taking this course? 1=field or major requires it; 2=prerequisite for further courses of interest; 3=interest in subject matter; 4=reputation of the course; 5=reputation of the instructor	--	72	53	2	8	2	7

College of Engineering, Cornell University
Course Evaluation Response Summary
Semester: Spring 2018   Course Owner: ORIE
Course: ORIE 3310 Lec 1   CID: 10532
Instructor: Schalekamp
77 Responses, 102 Enrolled, 75.49% Response

---

1. Please comment on the strengths of any aspect of this course (e.g., the lecture, recitation, laboratory, computing, text, homeworks, examinations or course content).

101: Great course overall

192: Recitation and exams

268: The lectures were very good.

552: Frans was a great lecturer.

1640: homework is too hard

1728: The homeworks and TA's were very helpful. I found the lecture notes online to be very helpful as well. The lecturer was mostly clear in his teaching. I enjoy the subject matter for the most part.

2232: Excellent lecture notes.

2274: great

2320: The labs were really useful in helping me understand the material. It was a good application of the information learned in lecture!

2400: great professor

2424: N/A

2769: The professor is very nice and approachable.

2983: Course is well organized

3551: I really enjoyed the topics presented in lecture and recitations. They got me to think about real-world problems by applying the optimization methods. HW difficulty varied from week to week, but it was still manageable.

3585: The office hours held by the professor and the other TAs are extremely helpful and so are the recitations.

3803: I thought Callister was a great professor and is very well versed in the material.

3864: Soroush Alamdari was one of the best TAs I've ever had at Cornell. He really knew his stuff and went the extra mile. One time I went to his office hours that were supposed to be from 3:30 to 4:30, and he ended up staying until 5:30 to help people because it was a really hard problem set.

4012: Great how lecturer follows textbook chapter by chapter because it's organized clear and structured. Lecturer is good and a pleasant person to have lecturing. Homework is usually fair, there were a couple of ridiculous problem sets that were just way too hard but everything overall was fair.

5066: I thought this class was well organized and the lectures were well planned. The homeworks could be challenging but were not impossible, so we could actually learn something from them.

College of Engineering, Cornell University
Course Evaluation Response Summary
Semester: Spring 2018   Course Owner: ORIE
Course: ORIE 3310 Lec 1   CID: 10532
Instructor: Schalekamp
77 Responses, 102 Enrolled, 75.49% Response

5577: The recitations are very helpful at illustrating the applications of the optimization knowledge taught in class

6480: The course packet was an excellent resource.

6823: Excellent course! Prof is super organized in lecture, and is willing to ask and answer questions in class and after class. TAs are super helpful and knowledgeable as well. Very great class! Although I didn't do well in prelims... I still think I learned a lot

6952: It's a well organized course that while rigorous is very fair if a student stays on top of their work.

7114: Loved this class. super interesting and helpful with my major. loved the lecture super interesting, never minded the 8:40

7426: Course notes were very helpful.

7675: Great material, fair homeworks and exams

8178: Online course notes and our weekly assignments were really helpful.

8439: I think the homeworks were one of the biggest strengths of this course. The homeworks were able to give me a clear command of the material.

8491: Shoutout to Jian and Soroush!! Best TAs I have had at Cornell. Knowledgeable about the material and enormous amount of patience. Thankful that they are TAing the class.

8937: I thought the prelim examinations were a fair representation of the course material

9188: Posted course notes was extremely helpful.

10867: The exams were fair, and the recitations were very helpful.

11030: Frans is a great lecturer. He keeps us engaged always, he's energetic, funny, and a great teacher. His developing the recitations to help us guide ourselves through them was much better than the way 3300 was organized, as well.

11126: Lectures are very well organized. The typed class notes on Blackboard are great to have in case something was not clear in class. Frans is a fantastic teacher and lecturer. He is very willing to answer questions, and is overall a very positive and funny guy.

11157: It's a really great class, took it because it's a major requirement but I actually really enjoy it.

11331: I think that the homework and exams were a fair representation of course material. I did think that the exams did not take into as much partial credit as some would like.

11931: Professor Frans is the best because he is fun and really just wants us to learn. The homeworks were mostly helpful (except for the Elmo homework).

12613: I think the laboratories did an excellent job of clarifying any ambiguity from the theoretical to the applications, from the lectures.

College of Engineering, Cornell University
Course Evaluation Response Summary
Semester: Spring 2018   Course Owner: ORIE
Course: ORIE 3310 Lec 1   CID: 10532
Instructor: Schalekamp
77 Responses, 102 Enrolled, 75.49% Response

The professor made himself very available and did a great job of guiding us through the problems without providing direct answers, which I very much appreciated. It was very interactive as opposed to "talking at me" interactions.

The homework assignments, while sometimes difficult, did serve as a tool for learning and preparation for the exams.

13411: Lecture notes were very helpful, lectures also went at a good pace

13426: Challenging homeworks while still being interesting and not unnecessarily tedious

College of Engineering, Cornell University
Course Evaluation Response Summary
Semester: Spring 2018   Course Owner: ORIE
Course: ORIE 3310 Lec 1   CID: 10532
Instructor: Schalekamp
77 Responses, 102 Enrolled, 75.49% Response

2. Please comment on the weaknesses of any aspect of this course (e.g., the lecture, recitation, laboratory, computing, text, homeworks, examinations or course content).

101: n/a

192: N/A

431: The TA doesn't understand questions

552: Some of the recitations could be better organized/there were issues in a few of the recitations that the TAs didn't seem very knowledgeable in solving.
More varied office hours, if the homework was due on Tuesday, I wish there had been more Monday OHs, especially with Frans. I had class at 1:25 MWF and I wish his two OH would have been at different times so that I could at least attend one.
Class starting at 8:40 could be improved.

1627: Professor Schalekamp should write a little bigger on the board. Also, and FAR more importantly, I am extremely upset that this CORE MAJOR REQUIREMENT was only offered at 8:40am! Attendance was terrible for most of the class. I cannot figure out why on earth this class was scheduled to be so early. Does the administration believe that engineering students are overwhelmingly morning people???? The earliest class most of us are willing to get up for is 10:10. We are overwhelmingly night owls and work well into the early hours of the morning, so scheduling this class for 8:40 caused so many people to not attend class, which leads to a far worse understanding of the material than it would otherwise be.

1640: hw is too hard

1728: Solutions to the exams would have been welcome because it is difficult to go over many problems in office hours with so many people. I really think the professor could have made solutions to the exams because they were set up differently from the homeworks and it would help students do better on the following exams.

I would like more practice questions because that is how I learn best, and the homeworks were mostly 2-4 questions each.

2232: More study materials for the exams (especially answers to practice problems) would have been helpful.

2320: Lectures tend to be straight from the book.

2424: N/A

2769: Sometimes feel don't have enough time during exams.

2983: Labs: really annoying that you cant go to other lab times because starting a lab at 2:30 on a Tuesday or Thursday doesn't make any sense because so many have class during the period 1:25-2:40 :(also not being able to drop a lab is not cool.

Homeworks were too hard and a lot of the TAs weren't that helpful.

Also stop using ampl I could have done this stuff in python/excel in half the time

Frans's handwriting was so small and bad during class that I stopped going. My hearing isn't great plus he has an accent so sometimes it was hard to tell what he was saying which is okay but it doesn't help that his handwriting was so small and hard to read!!!

College of Engineering, Cornell University
Course Evaluation Response Summary
Semester: Spring 2018   Course Owner: ORIE
Course: ORIE 3310 Lec 1   CID: 10532
Instructor: Schalekamp
77 Responses, 102 Enrolled, 75.49% Response

3551: I kind of felt that the grading on homeworks and tests were a bit arbitrary and subjective. For example, sometimes a subquestion of my hw would be deducted 1 or 2 points without any explanation and I would have to guess what I did wrong by comparing against the solutions. Sometimes, even after looking at the solutions, I still wouldn't understand what I missed. Also, for one of the prelims, the grader circled some mistakes at the beginning of my solution without any written explanation, did not ready my entire solution, and just took off 12 points. I submitted a regrade request for this and didn't get any response or clarification as to why my reasoning was erroneous.
I am a TA for a class and this kind of grading practice in my opinion, isn't very professional and doesn't foster an environment where students can learn from their mistakes in order to not get penalized for making the same mistake multiple times (once on the hw, another time on the prelim, and possibly the final). It would be better to grade based off a rubric, even if the question requires intuition.

But overall, I thought I really got a lot out of this class and would still recommend other people to take Optimization II.

3585: The professor does not give the solutions to the practice problems given before the exam. It would be helpful if he did.

3675: Lost interest in subject area because of this class

3803: The TAs had not taken the class, so maybe ORIE should offer it more often.

5066: Nothing.

5577: Too difficult.

6480: Lectures had poor attendance and participation likely due to the 8:40 lecture time.

6823: Not really. Maybe too many people in the same classroom initially.

6920: Lectures were confusing. Some of the homework was too confusing. Recitations did not help my understanding of what was taught in lecture; it only helped me understand the syntax for AMPL.

7114: The tas often didnt have the solutions when trying to help us

7426: Sometimes the recitation exercises are not reflective of course content. It requires external knowledge.

7675: Lectures can really get bogged down in notation and lack of examples

7676: Course exams were so hard and not proportional to homeworks really, homeworks/exams always had ambiguous wording, they were unclear in terms of what exactly needed to be answered, it was just kind of disorganized. Also we repeated like 4 topics that we've already learned in previous classes

8178: Office hour times are at times that aren't convenient for me.

8439: I do feel some of the weaknesses of this course were the lectures and the course notes packet. I believe the course notes packet was not clear enough and was missing a lot of information. On top of that, the lectures were a bit hard to follow and a bit dense as well.

8937: Definitely recitations. They were unorganized and did not fit well with the rest of the course material

9188: Homeworks were quite difficult, more guidance may help.

College of Engineering, Cornell University
Course Evaluation Response Summary
Semester: Spring 2018   Course Owner: ORIE
Course: ORIE 3310 Lec 1   CID: 10532
Instructor: Schalekamp
77 Responses, 102 Enrolled, 75.49% Response

10867: The homeworks were sometimes too challenging, harder than questions on exams.

11030: The recitation instructor (soroush) was not very familiar with the material, or very helpful during the recitations. Additionally, the homeworks skyrocketed in terms of difficulty.

11931: TAs were awful! No one knew the material and a lot of them just wrote the solutions on the board during office hours the day the homework was due. It was sad because they didn't even try to make us think, they just gave everyone the answers :(

12613: I'd say my only complaint about this course would be the ambiguity or phrasing of some of the homework assignments.

12769: Does anyone use AMPL in the real world? Probably would've been better if we just used python. Also does anyone hand calculate simplex in the real world? This class (and 3300) was honestly probably one of the most useless required courses in relation to my future career. Don't play that it helps with upper level courses because I already took those too. No beef with the instructors though they tried their best

13411: Recitations were often confusing, wish there was more practice material for exams

13426: could use more active involvement of TA during lab